

JAN 30 2006

432664683

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of: )  
Applicant(s): Takeda et al. )  
Serial No. 09/689,928 )  
Conf. No.: 7460 )  
Filed: October 12, 2000 )  
For: VERTICALLY-ALIGNED )  
          (VA) LIQUID CRYSTAL )  
          DISPLAY DEVICE )  
Art Unit: 2871 )  
Examiner: Nguyen, D. )

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on this date.*

*January 27, 2006*  
Date

  
Registration No. 47,954

F-CLASS.WCM

**REQUEST FOR ACKNOWLEDGMENT OF  
CONSIDERATION OF AN INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request acknowledgment of three references cited in the Information Disclosure Statement (“IDS”) filed on October 12, 2000. Courtesy copies of the IDS, Form PTO-1449, and the return postcard (indicating receipt by the Patent and Trademark Office) are enclosed.

Although the IDS itself has been partially acknowledged, and an initialed copy of Form PTO-1449, mailed March 1, 2001, has been received by Applicants, the Examiner failed to demonstrate acknowledgment of JP 07-013164, JP 07-028063, and JP

07-311383, which were also cited in the IDS. Applicants again request such acknowledgment of consideration of these references in the form of an initialed copy of the Information Disclosure Citation (Form PTO-1449).

Should there be any questions regarding this paper, the Examiner is invited to contact the undersigned attorney at the number listed below.

Respectfully submitted,  
GREER, BURNS & CRAIN, LTD.

By

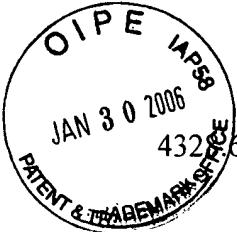


Josh C. Snider  
Registration No. 47,954

**Customer No. 24978**

January 27, 2006

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P:\DOCS\4328\64683\9V9171.DOC



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Takeda et al.

Serial No. 09/689,928

Filed: October 12, 2000

For: VERTICALLY-ALIGNED  
(VA) LIQUID CRYSTAL  
DISPLAY DEVICE

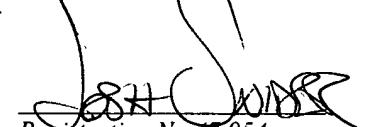
Art Unit: 2871

Examiner: Nguyen, D.

)  
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United States Postal Service as FIRST-CLASS mail in an  
envelope addressed to: Mail Stop AMENDMENT,  
Commissioner for Patents, PO Box 1450, Alexandria, VA  
22313-1450, on this date.

January 27, 2006

Date

  
Registration No 47,954  
Attorney for Applicants

TRANSMITTAL

Dear Sir:

Transmitted herewith is a communication regarding the above-identified application.

- (X) Information Disclosure Statement.
- (X) Form PTO-1449 with copies of cited foreign references.
- (X) Request for Acknowledgement of Consideration of an Information Disclosure Statement (with copies of the IDS filed October 12, 2000, Form PTO-1449 and return postcard).
- (X) If a Petition under 37 C.F.R. § 1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. § 1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Customer No. 24978

January 27, 2006

300 South Wacker Drive

Suite 2500

Chicago, Illinois 60606

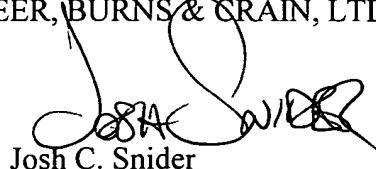
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P:\DOCS\4328\64683\9V9193.DOC

GREER, BURNS & CRAIN, LTD.

By:

  
Josh C. Snider  
Registration No. 47,954



COPY

jc916 U.S. PTO  
In re Patent Application of **09/689928** PATENT APPLICATION  
Takeda et al. File No. 2803.64683  
Div. of S.N. 09/097,027 10/12/00 JKF:kmw  
Filed: 6-12-98 10-12-00  
For: VERTICALLY-ALLIGNED (VA)...

Enclosed is a Notification of Filing of Continuing or Divisional Application; Request for filing Continuing or Divisional Application in duplicate; check for \$728.00; copy of Declaration and power of attorney; copy of Assoc. Power of attorney; Preliminary amendment; 216 pp. of Specification, including claims and an abstract; 246 sheets of formal drawings; IDS, PTO Form 1449 w/cited references; and Certificate of Express Mail No. EL409506285US.

Assistant Commissioner for Patents

Please acknowledge receipt of the above identified document by applying the Patent and Trademark Office receipt hereto and mailing this card.

Respectfully,  
GREER, BURNS & CRAIN, LTD.



# COPY

## PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application )

Applicant: Takeda et al. )

Div. of  
Serial No. 09/097,027 )

Filed: June 12, 1998 )

For: VERTICALLY-ALLIGNED )  
(VA) LIQUID CRYSTAL )  
DISPLAY DEVICE )

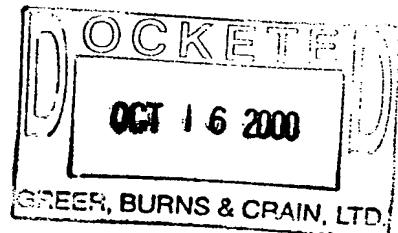
Art Unit: 2871 )

Examiner: Nguyen, D. )

I hereby certify that this paper is being deposited with the United States  
Postal Service as Express Mail in an envelope addressed to: Asst. Comm.  
for Patents, Washington, D.C. 20231, on this date.

10-12-00  
Date

Express Mail Label No.: EL409506285US



### INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants through  
counsel herewith:

Submit copies of the patents as set forth in the attached form PTO-1449 as  
follows:

### FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	COUNTRY	DATE
1-189629	Japan	Jul. 28, 1989
1-196020	Japan	Aug. 7, 1989
2151830	Japan	Jun. 11, 1990

# COPY

<u>DOCUMENT NO.</u>	<u>COUNTRY</u>	<u>DATE</u>
2-190825	Japan	Jul. 26, 1990
3-43701	Japan	Feb. 25, 1991
3-209220	Japan	Sep. 12, 1991
3-261914	Japan	Nov. 21, 1991
6301036	Japan	Oct. 28, 1994
07013164	Japan	Jan. 17, 1995
07028063	Japan	Jan. 31, 1995
7-43719	Japan	Feb. 14, 1995
7199193	Japan	Aug. 4, 1995
07311383	Japan	Nov. 28, 1995
10048634	Japan	Feb. 20, 1998
636 917	Europe	Feb. 1, 1995

Copies of the listed documents are enclosed herewith. Applicants are also enclosing a partial English translation of JP 3-261914 and a full English translation of JP 07311383.

**COPY**

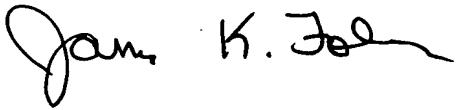
**REMARKS**

Applicants respectfully request that the Examiner consider the above-listed references in the examination of this application and list these references of record in the application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By

  
James K. Folker  
Registration No. 37,538

October 12, 2000

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233 S. Wacker Drive  
Chicago, Illinois 60606-6501  
Telephone: (312) 993-0080  
Facsimile: (312) 993-0633

F:\DATA\WP6012803\64683\IDS-DIV.WPD

Form PTO-1449  
(Rev. 8-88)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
2803.64683Div. of Serial  
No. 09/097,027INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Takeda et al.

Filing Date: 6-12-98

Group No. 2871

## U.S. PATENT DOCUMENTS

JAN 30 2006

Examiner initial*	Document No.	Date	Name	Class	Subclass	Filing Date

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation
						Yes
						No
	1 1 8 9 6 2 9	Jul. 28, 1989	Japan			Desc. Only
	1 1 9 6 0 2 0	Aug. 7, 1989	Japan			Desc. Only
	2 1 5 1 8 3 0	Jun. 11, 1990	Japan			Abs.
	2 1 9 0 8 2 5	Jul. 26, 1990	Japan			Abs.
	3 4 3 7 0 1	Feb. 25, 1991	Japan			Desc. Only
	3 2 0 9 2 2 0	Sep. 12, 1991	Japan			Abs.
	3 2 6 1 9 1 4	Nov. 21, 1991	Japan			Partial
	6 3 0 1 0 3 6	Oct. 28, 1994	Japan			Abs.
0	7 0 1 3 1 6 4	Jan. 17, 1995	Japan			Abs.
0	7 0 2 8 0 6 3	Jan. 31, 1995	Japan			Abs.
	7 4 3 7 1 9	Feb. 14, 1995	Japan			X
	7 1 9 9 1 9 3	Aug. 4, 1995	Japan			Abs.
0	7 3 1 1 3 8 3	Nov. 28, 1995	Japan			Full
1	0 0 4 8 6 3 4	Feb. 20, 1998	Japan			Abs.
	6 3 6 9 1 7	Feb. 1, 1995	Europe			Full

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

14B2864683  
In Re U.S. Patent Application of: )  
Applicant(s): Takeda et al. )  
Serial No. 09/689,928 )  
Conf. No.: 7460 )  
Filed: October 12, 2000 )  
For: VERTICALLY-ALIGNED )  
(VA) LIQUID CRYSTAL )  
DISPLAY DEVICE )  
Art Unit: 2871 )  
Examiner: Nguyen, D. )

I hereby certify that this paper is being deposited with  
the United States Postal Service as FIRST-CLASS mail  
in an envelope addressed to: Mail Stop AMENDMENT,  
Commissioner for Patents, P.O. Box 1450, Alexandria  
VA 22313-1450, on this date.

January 27, 2006

Date

Registration No. 47,954

F-CLASS.WCM

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(c), after the C.F.R. §1.97(b) time period, but before the mail date of a Final Office Action or a Notice of Allowance (whichever occurs first), with either:

(a) a statement under 37 C.F.R. §1.97(e); or  
(b) the \$180.00 fee under 37 C.F.R. §1.17(p).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

Statement Under 37 C.F.R. §1.97(e):

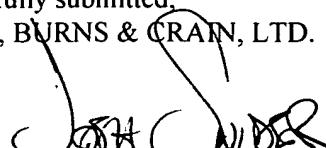
The enclosed references were cited in two Communications issued by the Japanese Patent Office (copies enclosed). Applicant(s) hereby certify that each item of information cited on the enclosed Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

Applicant(s) hereby certify that no item of information cited on the enclosed Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information cited on the enclosed Form PTO-1449 was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed is a check for \$180.00 to cover the fee as set forth in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
GREER, BURNS & CRAN, LTD.

By: 

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Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office		O I P E JAN 30 2006 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE		Attorney Docket No.: 4328.64683		Serial No.: 09/689,928		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Takeda et al.				
				Filing Date: October 12, 2000		Group: 2871		
U.S. PATENT DOCUMENTS								
Examiner Initial*		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country		Class	Subclass	Translation
		04-251285	Sept. 7, 1992	Japan				Abs.
		07-120767	May 12, 1995	Japan				Abs.
		08-022023	Jan. 23, 1996	Japan				Abs.
		08-095054	April 12, 1996	Japan				Abs.
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
Examiner				Date Considered				
*Examiner:		Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office  INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Attorney Docket No.: 4328.64683		Serial No.: 09/689,928	
			Applicant: Takeda et al.			
			Filing Date: October 12, 2000		Group: 2871	

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,701,028	Oct. 20, 1987	Clerc			
	6,061,116	May 9, 2000	Nishida et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	07-333617	Dec. 22, 1995	Japan			Abs.	
	08-043825	Feb. 16, 1996	Japan			Abs.	
	60-256121	Dec. 17, 1985	Japan			*X	
	WO97/012275	April 3, 1997	WIPO			**X (and Abs.)	
	02-035416	Feb. 6, 1990	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner \_\_\_\_\_ Date Considered \_\_\_\_\_

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* 60-256121 corresponds with U.S. Patent No. 4,701,028

\*\*WO97/012275 corresponds with U.S. Patent No. 6,061,116